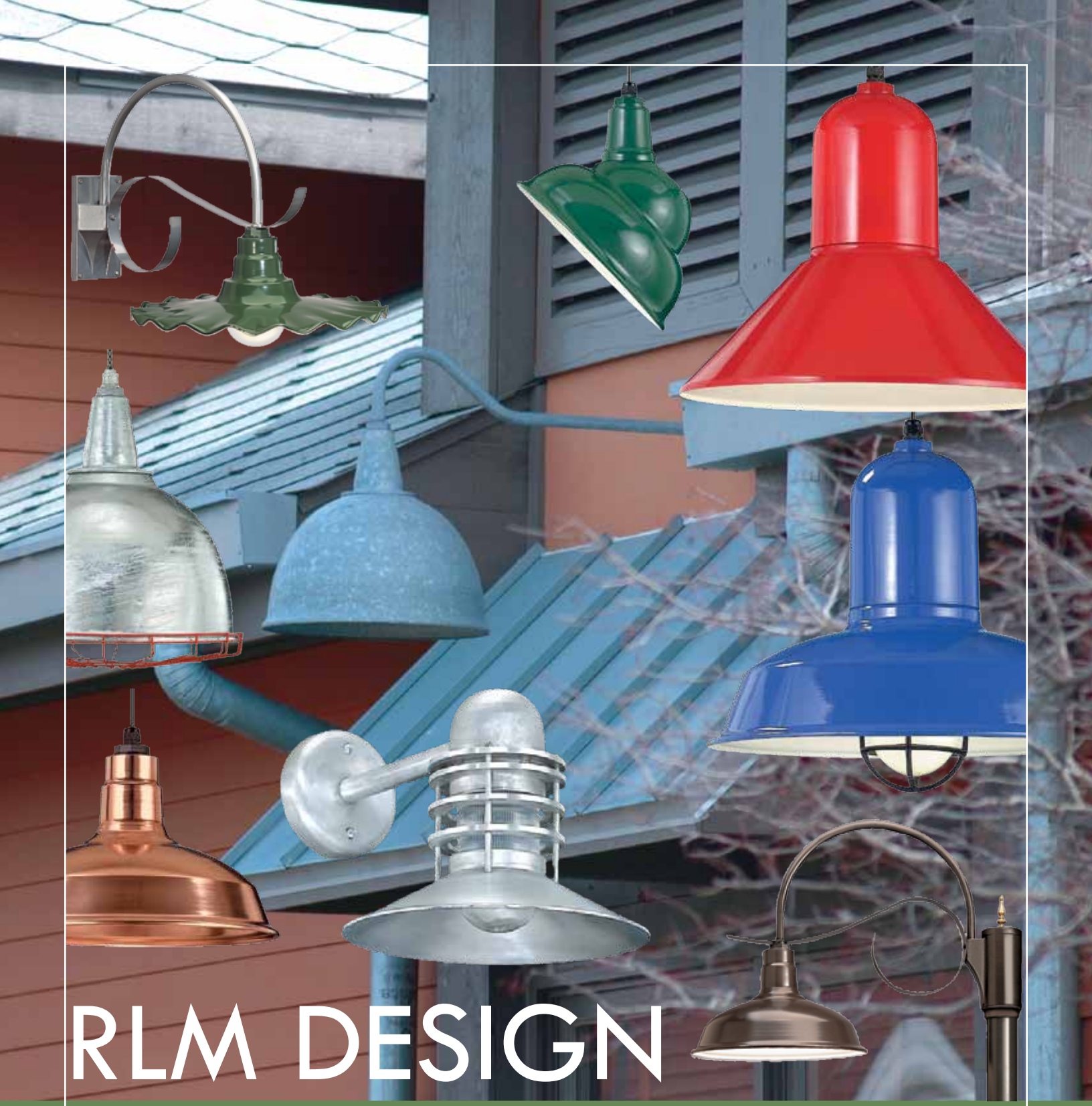


RLM DESIGN REFLECTORS

BOCK LIGHTING RLM

Bock Lighting

RLM DESIGN REFLECTORS

Reflectors are precision spun aluminum or steel, finished in thermally cured high quality polyester powder coat paint. Reflectors are available in a variety of different color options. Comes standard in white powder coated inside, which has at least 85% reflectance. Turned in bottom bead adds strength and prevents the collection of dirt and water. RLM's are supplied with heavy die-cast flanged mounting hub and left hand thread hex nut. 1/2-14 or 3/4-14 hub sizes available to fit selected mounting system. Standard incandescent lamp holders are heavy duty porcelain with spring loaded center contact and lamp grip screw shell. Medium base is standard on all RLM's. GU24 & Mogul sockets are available on request with selected units. For globes, guards, H.I.D., Compact Fluorescent and all other options see ordering guides on pages 20-24. All RLM's are Underwriter's Laboratories Inc. ® Listed "Suitable for Wet Locations", cULus listed for Canadian use.

Standard Dome

CAT.#	MAX WATT	DIA	HT
512	100W	12"	8 ¼"
514	150W	14"	8 ¼"
516	200W	16"	9 ¾"
518	300W	18"	11 ⅝"
520	300W	20"	12 ⅝"

Medium base standard. Mogul on request with 518 and 520 only.

Step Neck Dome

CAT.#	MAX WATT	DIA	HT
SN512	100W	12"	9"
SN514	150W	14"	9"
SN516	200W	16"	10 ½"
SN518	300W	18"	11 ⅞"
SN520	300W	20"	13 ⅜"
SN524	300W	24"	14 ½"

Medium base standard. Mogul on request with SN518, SN520 and SN524 only.

Deep Bowl

CAT.#	MAX WATT	DIA	HT
SN908	100W	8"	7"
SN910	200W	10"	9"
SN912	300W	12"	11"

Medium base standard. Mogul on request with SN912 only.

Emblem Sign

CAT.#	MAX WATT	DIA	HT
6208	100W	8"	10 ⅛"
6210	150W	10"	11 ¾"
6212	200W	12"	13 ¾"
6214	300W	14"	15 ¾"
6218	300W	18"	21 ½"
6222	300W	22"	23 ½"

Medium base standard. Mogul on request with 6214, 6218 and 6222 only.

Shallow Dome

CAT.#	MAX WATT	DIA	HT
412	100W	12"	6 ⅝"
414	150W	14"	7 ⅞"
416	200W	16"	8 ½"

Medium base standard.

Radial Wave

CAT.#	MAX WATT	DIA	HT
RW16	100W	16"	6 ¾"
RW20	200W	20"	7"

Medium base standard.

Step Neck Angle Reflector

CAT.#	MAX WATT	DIA	HT
SN608	100W	8"	9 ½"
SN610	150W	10"	12"
SN612	200W	12"	14 ¼"
SN614	300W	14"	15 ¼"

Medium base standard.

Self Ballasted Dome

CAT.#	MAX WATT	DIA	HT
516B	175W	16"	13"
520B	175W	20"	14"

Integrally ballasted fixtures available for metal halide, high pressure sodium or compact fluorescent lamps. See page 20-24 for ordering guide.

Downlight Reflector

CAT.#	MAX WATT	DIA	HT
914DL	300W	14"	13 ½"
916DL	300W	16"	15 ¼"
918DL	300W	18"	17 ¾"
924DL	300W	24"	18 ½"

Medium base standard. Mogul on Request

901 Island Light

CAT.#	MAX WATT	DIA	HT
901	150W	20"	18"

Sturdy cast aluminum housing fits over 2 ⅜" O.D. Tenon locked with 3 set screws. Includes prismatic glass globe. Aluminum reflector, Powder coated. Medium base only.

Self Ballasted Cone

CAT.#	MAX WATT	DIA	HT
110B*	100W	10"	9 ¼"
116B	175W	16"	13"
120B	175W	20"	14 ¾"

Integrally ballasted fixtures available for metal halide, high pressure sodium or compact fluorescent lamps. See page 20-24 for ordering guide.
*110B - Will not accommodate ballast in cone.

18" Uplight

CAT.#	MAX WATT	DIA	HT
918UL	300W	18"	17 ½"

Medium base standard. Mogul on request.

902 Island Light

CAT.#	MAX WATT	DIA	HT
902	150W	27"	17"

Sturdy cast aluminum housing fits over 2 ⅜" O.D. Tenon locked with 3 set screws. Includes prismatic glass globe. Aluminum reflector, Powder coated. Medium base only.

Self Ballasted Dome

CAT.#	MAX WATT	DIA	HT
914B	175W	14"	16"
916B	175W	16"	17"
918B	175W	20"	19"

Integrally ballasted fixtures available for metal halide, high pressure sodium or compact fluorescent lamps. See page 20-24 for ordering guide.

Yard Light

CAT.#	MAX WATT	DIA	PIPE SIZE
250	100W	12"	½" X 12"

Powder coated. Includes arm and wall plate. Medium base only.

OB Series

CAT.#	MAX WATT	DIA	HT
3120B	100W	12"	6"
3140B	150W	14"	6 ½"
3160B	200W	16"	7"

4" octagon box mounting reflector supplied with pigtail leads and medium base socket.

View additional RLM Designs online @ www.BockLighting.com/RLMDesigns

DECORATIVE RLM SHAPES

VIEW MORE CUSTOM RLM SHAPES ONLINE AT WWW.BOCKLIGHTING.COM

120HX & 160HX

CAT.#	MAX WATT	DIA	HT
120HX	100W	13"	6½"
160HX	150W	16"	8½"

JH-912

CAT.#	MAX WATT	DIA	HT
JH-912	100W	12"	11"

76HC

CAT.#	MAX WATT	DIA	HT
76HC	100W	14½"	8"

CSRSN-910 VN

CAT.#	MAX WATT	DIA	HT
CSRSN-910 VN	100W	6¾"	9¾"

BHVN

CAT.#	MAX WATT	DIA	HT
BHVN	100W	12"	10¾"

TENDA

CAT.#	MAX WATT	DIA	HT
TEND12	100W	16½"	12"

BERETTO

CAT.#	MAX WATT	DIA	HT
BERET15	100W	15"	7½"
BERET20	100W	20"	10"

BUCANEVE

CAT.#	MAX WATT	DIA	HT
BUCA7	100W	7"	8½"

SOFFIONE

CAT.#	MAX WATT	DIA	HT
SOF9	100W	9"	10½"

MARGHERITA

CAT.#	MAX WATT	DIA	HT
MARG11	100W	11½"	8½"

METRO SERIES

APPLICATION: A contemporary fixture design which accentuates modern architectural schemes. The METRO Series offers a wide variety of light sources, sizes and finishes ensuring the specifier a design choice that will reflect their theme.

LAMP TYPES: Fixtures are designed to accommodate up to 150 watt incandescent, metal halide or high pressure sodium lamps. Fixtures are also available with triple tube 4-pin compact fluorescent lamps of up to 32 watts. Ballasts are remote mounted, ballast behind SC place on WPLS or ceiling mounted for TPLS. See ordering information page for Ballast Enclosures

HOUSING: Heavy gauge spun aluminum.

GLASS GLOBE: Thermal shock, heat and impact resistant threaded glass globe. Choice of clear, prismatic or opal. Other globe colors available. Glass fits tightly die-cast aluminum fitter and is gasketed for weather-tight service.

BALLAST: Highest quality copper wound core and coil. 100% factory tested. 180°C Class H insulation system. High power factor design. High reactance (HX) or high power factor reactor (RH) type depending on particular lamp type. Compact fluorescent ballast is electronic high power factor type. UL 1029 Listed. Minimum starting temperature -40°F (HPS) -30°F (MH or MV) -25°F (CFL).

OPTICS: Glass globe combination provides an efficient round (Type V) light distribution pattern. Optional opal glass globe further reduces brightness.

SOCKET: Porcelain sockets feature nickel plated screw shell and spring-loaded center contacts. 4KV pulse rated and UL Listed. Compact fluorescent fixtures feature high heat polymeric plug-in type lamp holder.

MOUNTING: Fixtures may be ordered with either top or side mounting hub (3/4-14 N.P.T.) for stem, cord or wall bracket installations. Fixtures are compatible with all 3/4" size Bock goosenecks, wall or pole top brackets. Standard and custom wall mount brackets are available - see options.

FINISH: Electrostatically applied and thermally cured polyester powder coat finish in choice of colors.

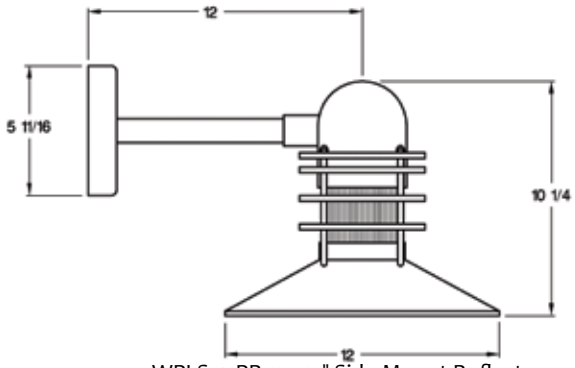
LISTING: Underwriter's Laboratories 1598 listed for wet locations. C-UL certified for Canadian use.

c UL us LISTED

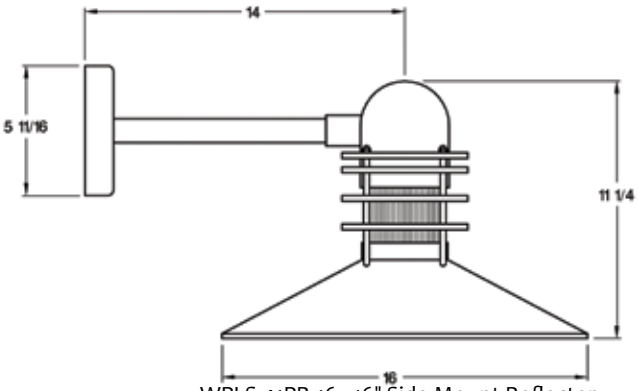
Ordering Guide:

Example: WPLS12-41PR-GO / SC-GN8I-GO

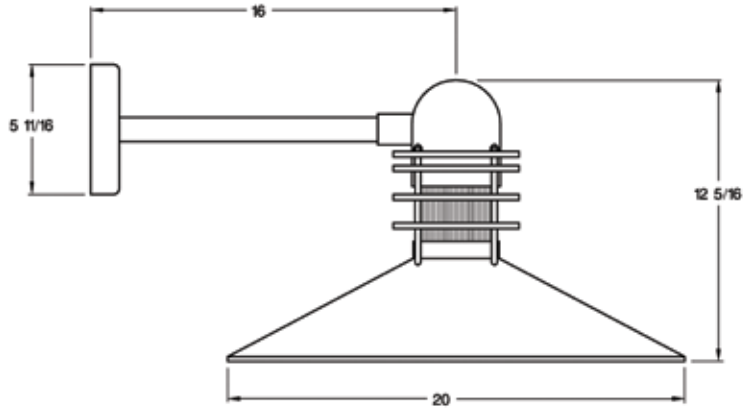
Series	Reflector		Globe		Color		Mounting
		-		-		/	
WPLS= Side Mounted TPLS= Top Mounted	12= 12" Conical Reflector 16= 16" Conical Reflector 20= 20" Conical Reflector NR= No Reflector		41= Clear Glass 41PR= Prismatic Glass 41CO= Opal Glass		See page 10 for color options		TPLS uses any Cord or Stem Mount options. Compatible with most Goosenecks WPLS use GN8I, GN10I, GN12I or GN18I See Page 23 for all mounting options.



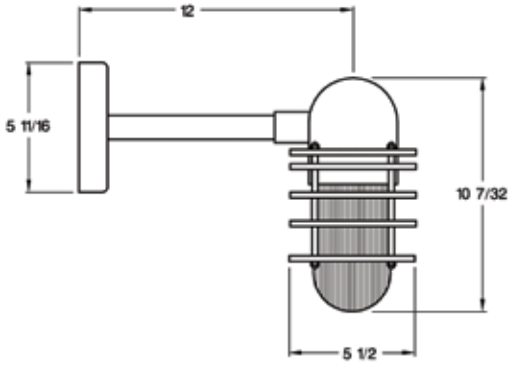
WPLS-41PR-12 - 12" Side Mount Reflector.
Shown With WM-GN10I Pipe Bracket.



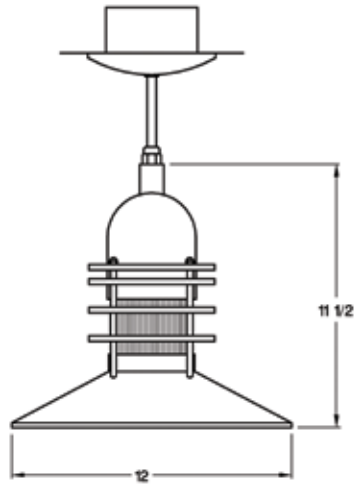
WPLS-41PR-16 - 16" Side Mount Reflector.
Shown With WM-GN12I Pipe Bracket.



WPLS-41PR-20 - 20" Side Mount Reflector.
Shown With WM-GN14I Pipe Bracket.

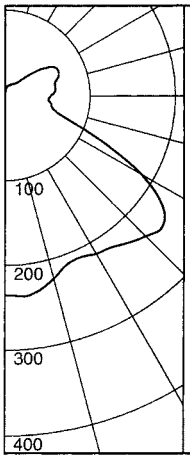


WPLSNR Side Mount Fixture with No Reflector.
Shown With WM-GN10I Pipe Bracket.



TPLS-41PR-12 - 12" Top Mount Reflector.
Shown With 641 Cord and Canopy.

12" WHITE POWDER COATED REFLECTOR WITH PRISMATIC GLASS GLOBE 100 WATT INSIDE FROSTED INCANDESCENT LAMP - 1690 LUMENS

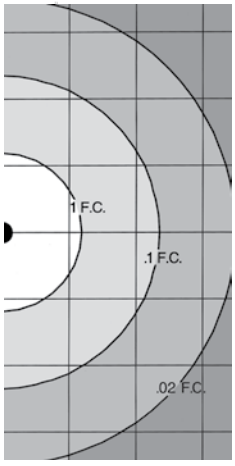


Ang.	CP	Lum.
0	235	
5	238	23
15	223	63
25	210	98
35	218	138
45	234	181
55	226	197
65	123	125
75	58	65
85	51	58
90	54	
95	59	63
105	61	66
115	69	67
125	56	49
135	25	21
145	17	11
155	14	7
165	12	3
175	6	1
180	8	

Zone	Lumens	%Lamp
0 - 30	184	10.8
0 - 60	700	41.4
0 - 90	948	56.0
90 - 180	288	17.0
0 - 180	1236	73.1

Rf	20										
Rc	80				50			10			0
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR											
0	83	83	83	83	72	72	72	59	59	59	56
1	75	71	67	64	61	59	56	50	49	47	45
2	67	61	56	51	53	49	46	43	41	39	36
3	61	53	47	42	46	41	37	38	35	32	30
4	55	46	40	35	40	35	31	33	30	27	25
5	51	41	34	29	36	30	26	29	26	23	21
6	46	36	30	25	32	27	23	26	23	20	18
7	43	33	26	22	29	23	20	24	20	17	15
8	40	30	23	19	26	21	17	22	18	15	13
9	37	27	21	17	24	19	15	20	16	13	12
10	34	25	19	15	22	17	14	18	15	12	11

ISO FOOT CANDLE DIAGRAM 10' MOUNTING HEIGHT



HOT DIPPED GALVANIZED FINISH

HOT DIPPED GALVANIZED IS AN OLD PROCESS IN A NEW APPLICATION.
THIS COATING PROVIDES A HIGH TECH INDUSTRIAL ALTERNATIVE.

SOME ITEMS SHOWN ARE OPTIONAL ACCESSORIES.

HOT DIPPED GALVANIZED RLM DESIGN REFLECTORS FOR INCANDESCENT, HID OR COMPACT FLUORESCENT LAMPS

Reflectors are precision spun steel hot dipped galvanized outside and inside for thorough protection. Turned in bottom bead adds strength and prevents the collection of dirt. RLMS are supplied with heavy die-cast flanged mounting hub and left hand thread locknut. 1/2-14 or 3/4-14 hub sizes available to fit selected mounting system. Standard incandescent lamp holders are heavy-duty porcelain with spring loaded center contact and lamp grip screw shell. Medium base is standard on all galvanized RLMs. For globes, guards, H.I.D.,Compact Fluorescent and other options see ordering guides on pages 20–24. All RLMs are Underwriter's Laboratories Inc.® Listed Suitable for "Wet Location". Exception: Vented neck units are "Damp Location" listed. C-UL Listed for Canadian Use.

BOCK LIGHTING RLM

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Step Neck Dome

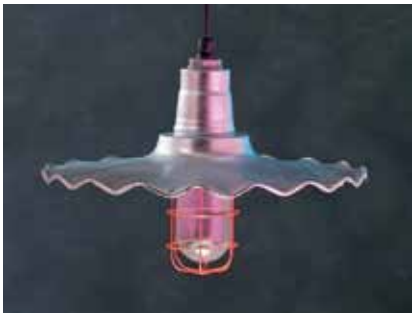
CAT.#	MAX WATT	DIA	HT	OPTIONAL WIRE GUARD
SN512GV	100W	12"	9"	112AR-G2 (RED)*
SN514GV	150W	14"	9"	114AR-G2 (RED)*
SN516GV	150W	16"	10 ½"	116AR-G2 (RED)*
SN518GV	150W	18"	11 ½"	118AR-G2 (RED)*

Medium base only.

Radial Wave

CAT.#	MAX WATT	DIA	HT	OPTIONAL WIRE GUARD
RW16GV	100W	16"	6 ¾"	31-G2 (RED)*
RW20GV	150W	20"	7"	31-G2 (RED)*

Medium base only. See globe options on page 12.



Step Neck Deep Bowl / Downlight

CAT.#	MAX WATT	DIA	HT	OPTIONAL WIRE GUARD
SN908GV	100W	8"	7"	108AR-G2 (RED)*
SN910GV	150W	10"	9"	110AR-G2 (RED)*
SN912GV	150W	12"	11"	112AR-G2 (RED)*
918DLGV	150W	18"	17 ¾"	118AR-G2 (RED)*

Medium base only.

Step Neck Angle

CAT.#	MAX WATT	DIA	HT	OPTIONAL WIRE GUARD
SN608GV	100W	8"	9 ½"	108AR-G2 (RED)*
SN610GV	150W	10"	12"	110AR-G2 (RED)*
SN612GV	150W	12"	14 ¼"	112AR-G2 (RED)*
SN614GV	150W	14"	15 ¼"	114AR-G2 (RED)*

Medium base only.

*Globes and guards shown are optional accessories. Wire guards available in other colors. See Ordering information pages 20-24.

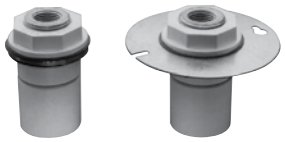
REFLECTOR ACCESSORIES

Color Options

Powder Coat Finishes

- G0 Black
- G1 White
- G2 Red
- G3 Yellow
- G4 Blue
- G5 Green
- G6 Brown
- G7 Verdigris
- G8 Dark Bronze
- G9 Silver
- G10 Dark Green
- G11 Copper
- G12 Brushed Aluminum
- G13 Tan
- G14 Gunmetal
- G15 Rust
- G16 Silver Wrinkle (Galvanized Look)
- G17 Architectural Bronze
- G18 Rock Garden Green, Gloss
- G50 Neon Orange
- G51 Neon Pink
- G52 Neon Yellow

The printed color samples shown are subject to the various effects of printing and may vary slightly from the actual painted product. Please request a color sample if more detail is required.



5 5-OC
6 6-OC
5 - Medium Base
6 - Mogul Base

Special Metal Finishes

- GV Steel Galvanized
- COP Pure Copper

Water Tight Strain Relief For Cord

CAT NO.	COLOR
SRW-BLK	BLACK
SRW-WHT	WHITE

Threaded ½" N.P.T. Used to cord hang RLM reflectors with 1/2" threaded hubs. Available in Black or White.

Cord Lengths

CAT NO.	SIZE	COLOR
CDB120	10'	BLACK
CDW120	10'	WHITE

18/3 SJT .365 O.D. 105°C White or Black. Custom lengths available. Consult Factory.

Reducing Bushings

CAT NO.	SIZE
RB3412	¾-14 N.P.S. TO ½-14 N.P.S.
RB1238	½-14 N.P.S. TO ⅜-18 N.P.S.

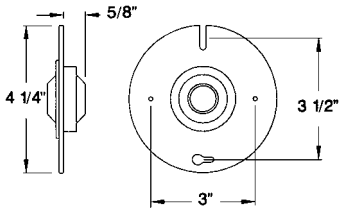
Replacement Medium and Mogul Sockets

CAT NO.	FITS THE FOLLOWING REFLECTORS
5 5-OC*	412, 414, 416, 512, 514, 516, 520B, SN608, SN610, SN612, SN614, SN908, SN910, 6208, 6210, 6212, 6214, RW16, RW20 SN512, SN514, SN516 (STANDARD ON ALL RLMS)
6 6-OC*	518, 520, SN912, SN914, 916, 918, 918DL, 918UL, 6214, 6218, 6222, SN518, SN520, SN524 (OPTIONAL)

*OC - Octagon Box Mounting

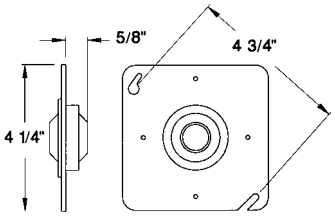
Outlet Box Cover Type Aligners

Allow fixtures to hang straight when surface mounted at angles up to 45° weight limit 50 lbs.



ROUND ALIGNER DETAIL

CAT NO.	TAPPED N.P.S.
15 1/2"	1/2-14 & 3/8-18
15 3/4"	3/4-14 & 1/2-14



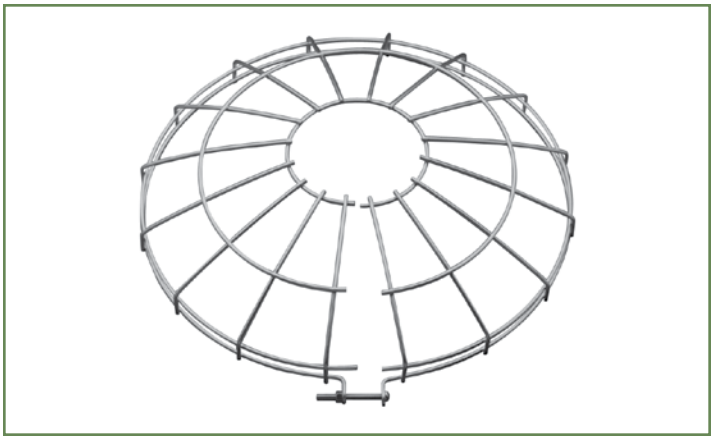
SQUARE ALIGNER DETAIL

CAT NO.	TAPPED N.P.S.
155 1/2"	1/2-14
155 3/4"	3/4-14

GU24 Socket

GU24 sockets achieve permanent energy efficiency, easy bulb replacement, reduces trouble shooting and solves replacement ballast and wattage issues. The GU24 format allows for Compact Fluorescent as well as LED and Cold Cathode light sources.

Available in all RLM fixtures.



STEMS

Pipe 1/2" or 3/4" threaded N.P.T. both ends.

STEM LENGTH	CAT.# STEM SIZE	
	½" PIPE	¾" PIPE
12"	ST2-12	ST3-12
24"	ST2-24	ST3-24
36"	ST2-36	ST3-36
48"	ST2-48	ST3-48
60"	ST2-60	ST3-60
72"	ST2-72	ST3-72

Additional Lengths available on request. Consult Factory
If installed outdoors use a thread sealant on stem threads. For other stem lengths or colors consult price sheet. Be sure thread size of reflector and stem match.

REFLECTOR WIRE GUARD

Standard finish is bright zinc. Other colors available.

CAT.#	FOR USE WITH	DIA.	DEPTH
108AR	SN608, 6208, SN908	8"	2"
110AR	110B, SN610, 6210, SN910	10"	2"
112AR	312OB, 412, 512, SN612, 6212, SN912	12"	2"
113AR	6214	13"	2"
114AR	314OB, 414, 514, SN514, SN614, 914DL	14"	2 ½"
115AR	116B	15"	2 ½"
116AR	316OB, 416, 516, SN516, 516B	16"	2 ½"
118AR	518, SN518	18"	3"
120AR	120B, 520, 520B, SN520	20"	3"
4GR16	916DL, 916B	17"	2 ½"
4GR18	918DL, 918UL	19"	3"
4GR24	SN524, 924DL	24"	3"

PENDANT MOUNTING OPTIONS

640 CANOPY

Stem mounting available for ½" and ¾" N.P.T. pipe; specify. Canopy is held in place with a slip ring. Canopy is 5 5/8" Dia. x 1" deep. Kit for mounting to 4" octagon box included. To order stems see above. Reflectors ordered with stems & canopies are factory wired and are suitable for wet location. Be sure thread sizes of canopy, stem and reflector hub all match. NOTE: If installed outdoors use a thread sealant on stem threads.

642 CANOPY

Stem aligner is 5 5/8" Dia. x 1" deep. Self aligning aluminum die cast aligner fits 4" octagon box or Bock cast boxes and accommodates 1/2" or 3/4" N.P.T. pipe, specify. Maximum travel 45°. Be sure thread size of canopy, stem and reflector hub match. NOTE: If installed outdoors use a thread sealant on stem threads.

643 CANOPY

Cord suspension with canopy permanently attached with 2 mounting screws. 10'. of #18 3/ conductor cord (white or black) furnished. Canopy is 5 5/8" Dia. x 1" deep. Kit for mounting to 4" octagon box and SRW strain relief included. Reflectors are suitable for wet location provided they are installed with all applicable codes local and national.

645 CANOPY

Coiled Cord suspension. Canopy supplied with 6 feet of #18 3/ conductor coiled cord (white or black). Extended length up to 10'. Canopy is 5" Dia. x 1" deep. Kit for mounting to 4" octagon box and 2 strain reliefs included. Steel aircraft cable supports fixture.

ENCLOSING CYLINDERS, GLOBES, GUARDS

RLM Design Reflectors for Compact Fluorescent, H.I.D. or Incandescent lamps may need the addition of enclosing cylinders or globes for beauty, utility or safety. The enclosures shown below are combined into an assembly, depending upon bulb choice, and assembled to the ordered RLM. When choosing an enclosure please note the heat limiting considerations for H.I.D., Incandescent, and Compact Fluorescent lamps. NOTE: METAL HALIDE LAMPS, 50, 70, 100, 150, 175, REQUIRE AN ENCLOSURE FOR SAFETY PRECAUTIONS; UNLESS "OPEN FIXTURE" (MP) METAL HALIDE LAMPS ARE TO BE USED. See order guides for complete enclosure compatibility information on pages 20-24.

GLOBE OR CYLINDER CHOICE	MATERIAL	COLOR	SIZE		MAX. LAMP WATTAGE			MAX. LAMP LENGTH (M.O.L.)
			DIAMETER	LENGTH	EI	EHID	CFL	
41PR	GLASS	PRISMATIC	3½"	6 ¾"	150	175	32	5"
41C (OP,AM,BL,GN,RD)	GLASS	5 COLORS*	3½"	6¾"	100	100	32	5"
41L	LEXAN®	CLEAR	3½"	6"	60	N/A	32	4½"
41L-PR	LEXAN®	PRISMATIC	3½"	7¼"	60	N/A	32	6½"
41LL-PR	LEXAN®	PRISMATIC	3½"	8¼"	60	N/A	42	7½"
41L-C (OP,AM,BL,GN,RD)	LEXAN®	5 COLORS*	3½"	6"	40	N/A	32	4½"
42	GLASS	CLEAR	4½"	7¾"	300	175	42	7¼"
42PR	GLASS	PRISMATIC	4½"	7¾"	300	175	42	7¼"
42C (OP,AM,BL,GN,RD)	GLASS	5 COLORS*	4½"	7¾"	200	175	42	7¼"
42L	LEXAN®	CLEAR	4½"	8½"	100	70	42	7½"
42L-PR	LEXAN®	PRISMATIC	4½"	8½"	100	70	42	7½"
42L-C (OP,AM,BL,GN,RD)	LEXAN®	5 COLORS*	4½"	8½"	60	50	42	7½"
GG6	GLASS	OPAL	6" DIAMETER		75	100	32	4½"
AG10	ACRYLIC	OPAL	10" DIAMETER		100	100	42	7½"
PG10	LEXAN®	OPAL	10" DIAMETER		150	150	42	7½"

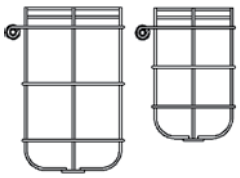
* Specify: RD - Red, GN - Green, BL - Blue, AM - Amber or OP - Opal

® Lexan is a trade name of General Electric Corporation

GUARDS FOR ENCLOSING GLASS CYLINDERS

Cast aluminum guards have a natural aluminum finish. Powder coat finishes are optional. Guards will not fit Lexan cylinders. Matching colors available at additional cost. See price sheet.

CAST ALUMINUM GUARD



WIRE GUARD

CAT. #	DESCRIPTION	FIT GLOBES
31DCG	CAST ALUMINUM GUARD	41, 41PR, 41C
32DCG	CAST ALUMINUM GUARD	42, 42PR, 42C
31	WIRE GUARD	41, 41PR, 41C
32	WIRE GUARD	42, 42PR, 42C

BRACKETS AND GOOSENECKS

No. 6214
EMBLEM SIGN
ON A CUSTOM
BRACKET No. CAD-2272

No. SN-516
STEP NECK DOME ON
BRACKET No.
SC-GN22H

No. SN-520
STEP NECK DOME ON
SC-GN23A
BRACKET

No. RW-20 RADIAL WAVE ON A
WB-SC1-3/4 BRACKET
WITH No. EI-GG6 GLOBE

No. 6210
EMBLEM SIGN
ON A CUSTOM
BRACKET
No. CAD-2058

No. 6212
EMBLEM SIGN
ON A
SC-GN32G
BRACKET

520B ON
WB-GN1-3/4 BRACKET
WITH SPECIAL FLARED
FITTER

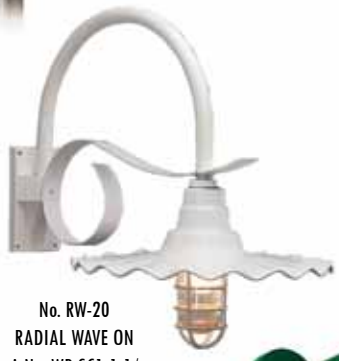
No. 516 DOME ON A
No. SC-GN24D Bracket

No. SN-516 STEP DOME
ON A No. PT-SC1-3/4 BRACKET

No. SN-608
ANGLE ON A No.
SC-GN40E
BRACKET

No. 416 SHALLOW
DOME ON A CUSTOM
BRACKET No.
CAD-1230

No. SN-608 ANGLE
ON A No. SC-GN23A
BRACKET



No. RW-20
RADIAL WAVE ON
A No. WB-SC1-1-1/
BRACKET AND SCROLL
WITH No. EI-41
ENCLOSING CYLINDER
AND No. 31-DCG
DIE CAST GUARD

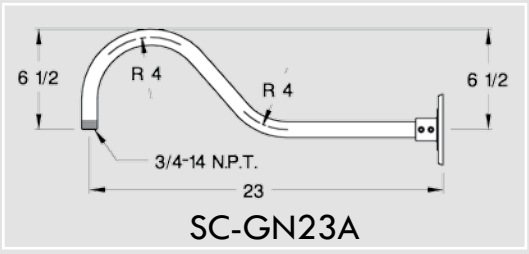
SN-516
STEP NECK DOME
ON SC-GN30C
BRACKET

No. LN-520 LONG
NECK DOME ON A
No. SC-GN25J

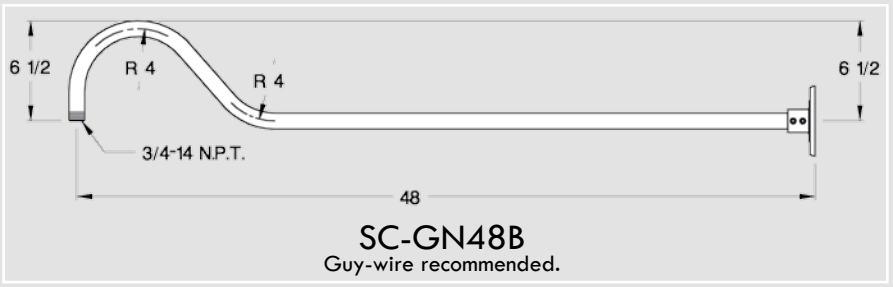
No. 520 DOME ON A
No. PT-1-3/4 BRACKET

GOOSENECK PIPE BRACKETS FOR OUTLET BOX AND WALL MOUNTING

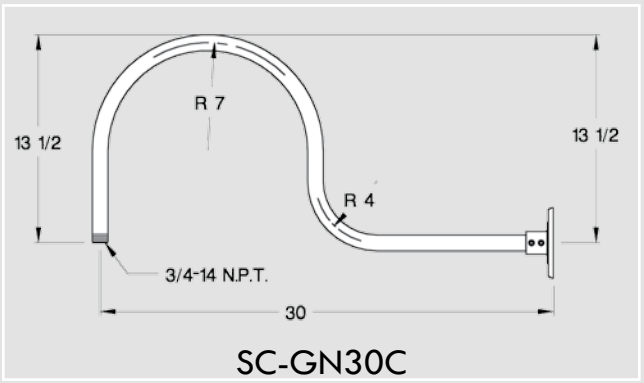
Brackets made of 3/4" schedule 40 aluminum tubing (Steel tubing is used with Galvanized Finish.) threaded 3/4-14 N.P.T. on fixture end. Brackets are finished with standard white polyester powder. Other colors may be specified See ordering guide. These brackets are designed for recessed box mounting or surface outlet box mounting. Bracket end slips into cast box cover plate (wall end is unthreaded). Pipe may cut down, in the field, to shorten bracket length. RLMs supplied with these brackets are Underwriters Laboratories Inc.® Listed ´Suitable for Wet Locationś provided they are installed in accordance with all codes local and national. If installed outdoors use a thread sealant on fixture end threads to prevent water entry.



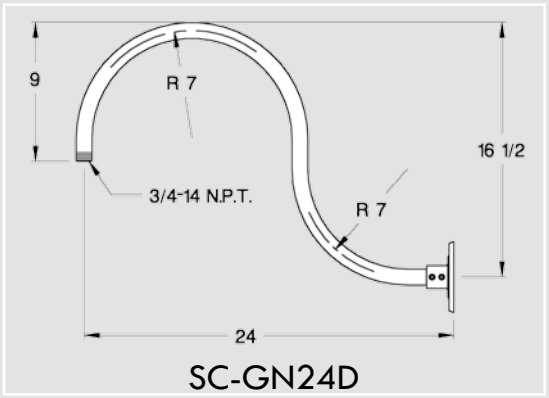
SC-GN23A



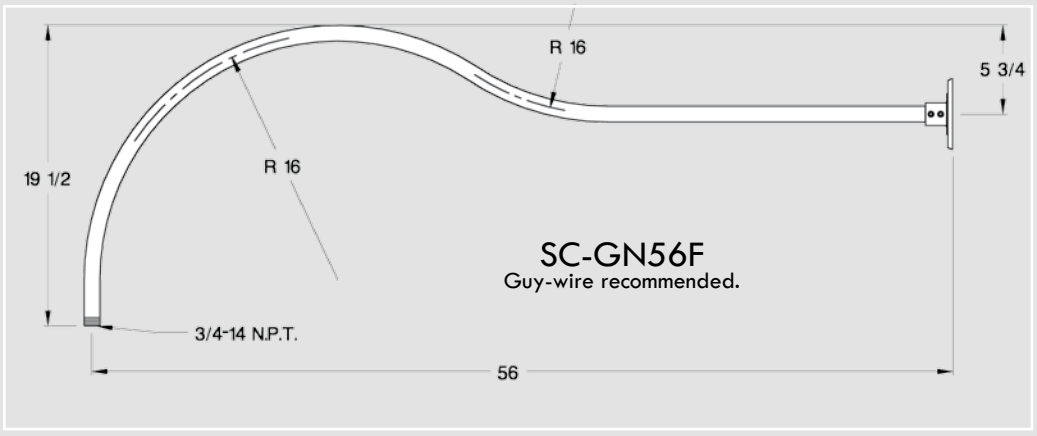
SC-GN48B
Guy-wire recommended.



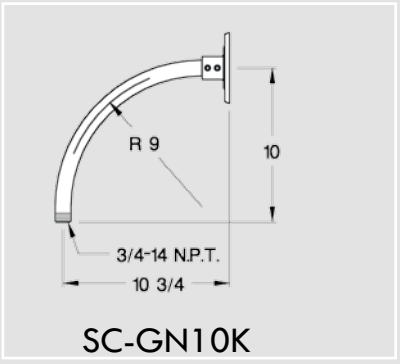
SC-GN30C



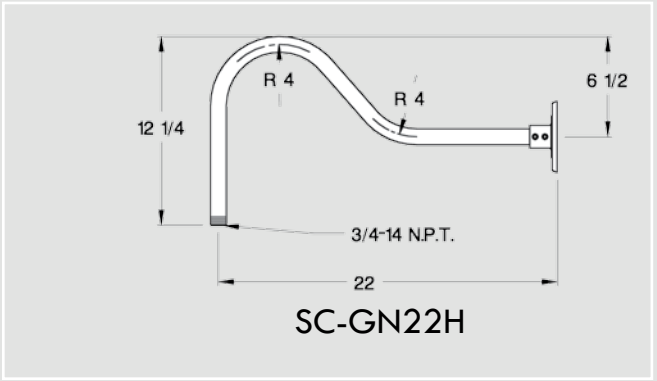
SC-GN24D



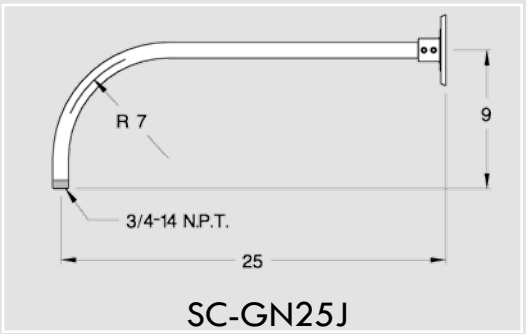
SC-GN56F
Guy-wire recommended.



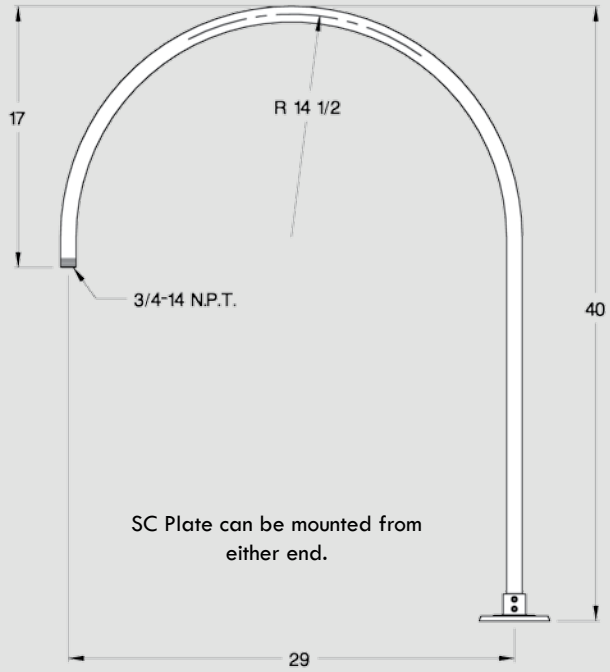
SC-GN10K



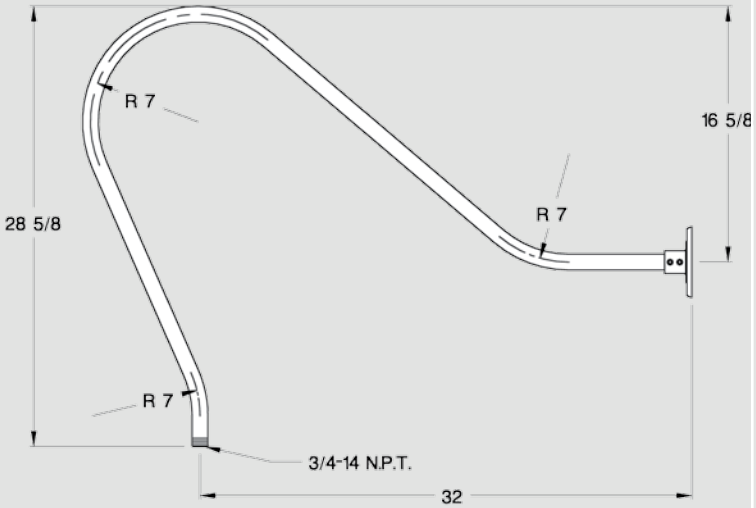
SC-GN22H



SC-GN25J

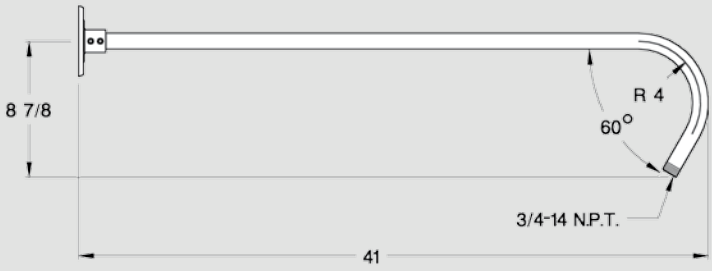


SC-GN40E

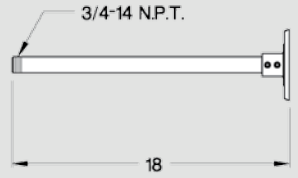


SC-GN32G
Guy-wire recommended.

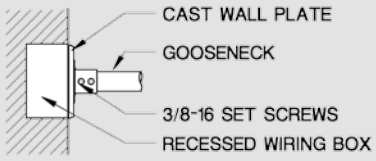
SC-GN37U



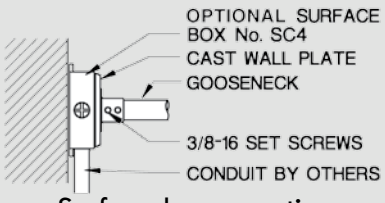
SC-GN41P
Guy-wire recommended.



SC-GN18I

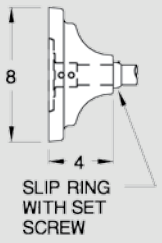


Recessed box mounting
application.

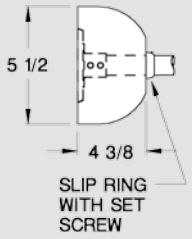


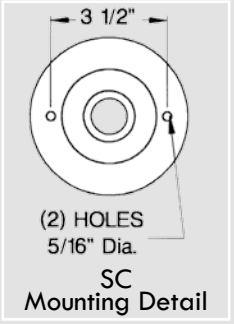
Surface box mounting
of SC Flange Plate.

OPTIONAL
HMTG
CANOPY

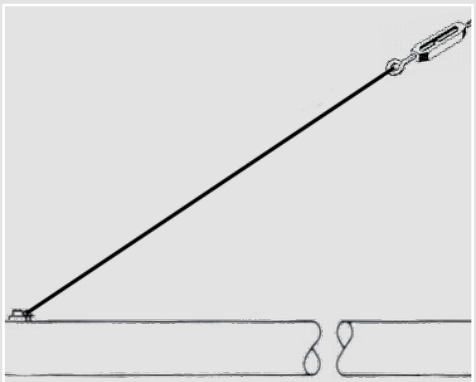


OPTIONAL
SCDC
CANOPY





SC
Mounting Detail

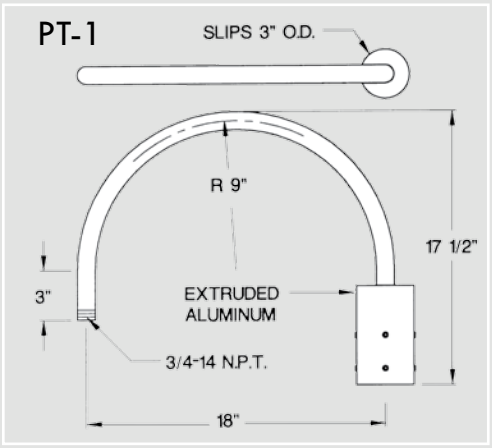


GUY WIRE FOR GOOSENECK
GW1 - SINGLE
GW2 - DOUBLE

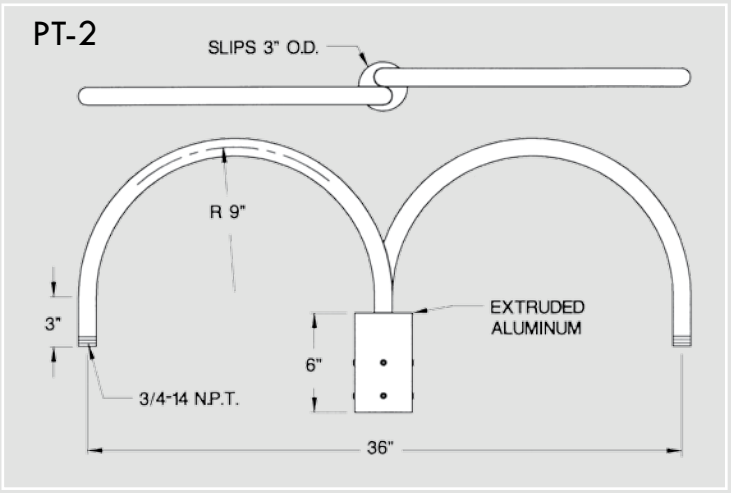
POLE TOP AND WALL MOUNT BRACKETS

Pipe made of 3/4" schedule 40 aluminum tubing threaded N.P.T on fixture end. Slipfitter uses 3/8-16 Stainless Steel headless set screws and will fit 3" O.D tenon. The aluminum scroll, if furnished, is attached to both the pipe and fitter portions of the bracket. Wall brackets are designed for a recessed outlet box. Surface conduit boxes are available. Brackets are finished with standard white polyester powder. Other colors may be specified. RLMs supplied with these brackets are Underwriter's Laboratories Inc.® Listed "Suitable for Wet Locations" provided they are installed in accordance with all codes local and national. If installed outdoors use a thread sealant on fixture end threads to prevent water entry.

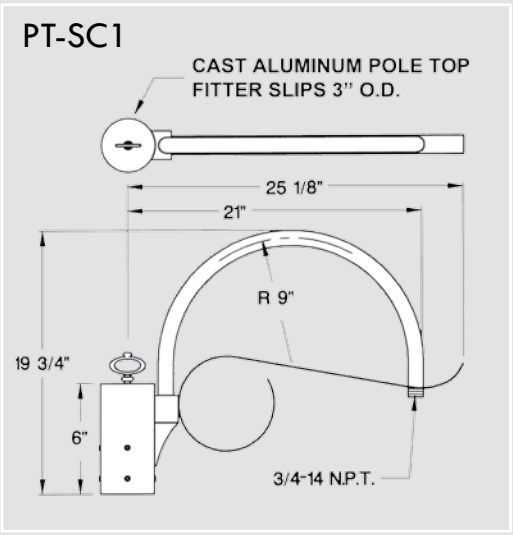
PT-1



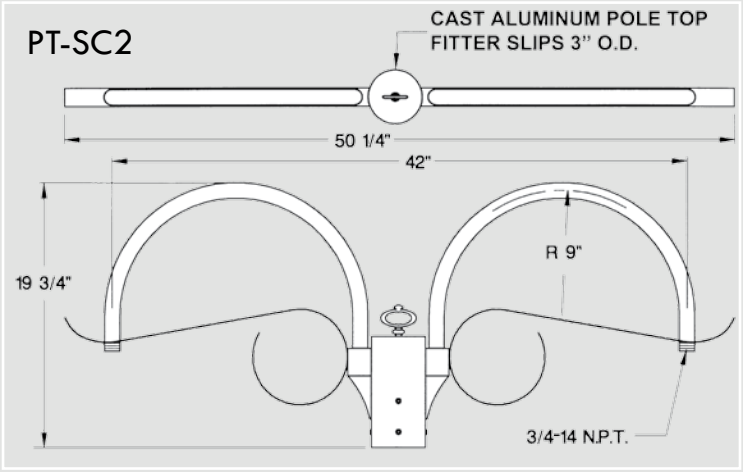
PT-2



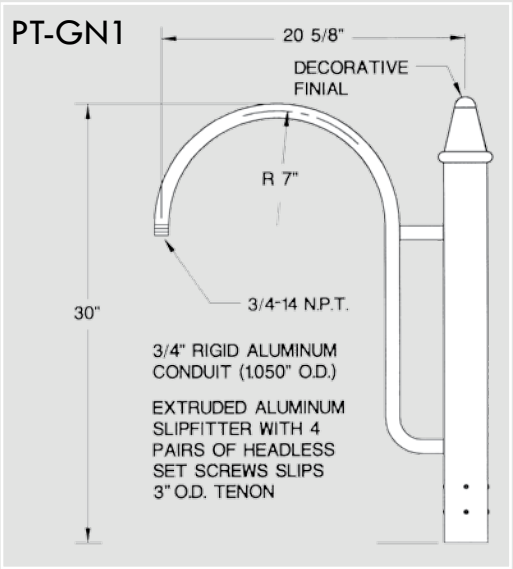
PT-SC1



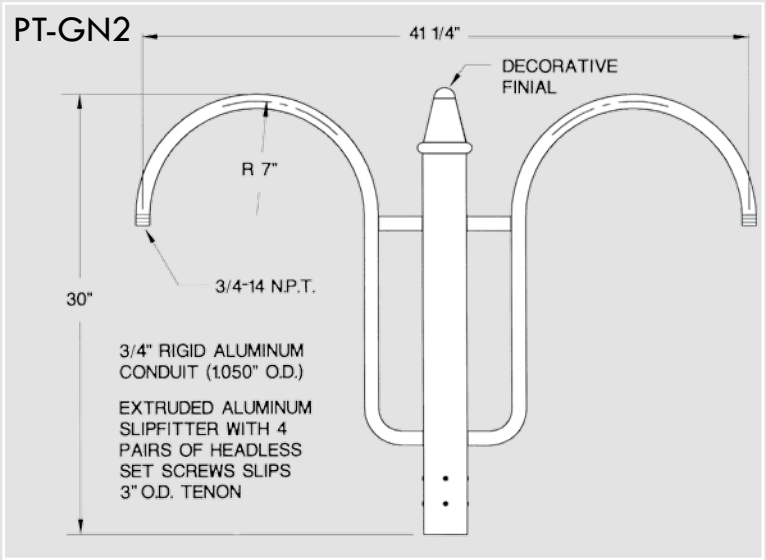
PT-SC2



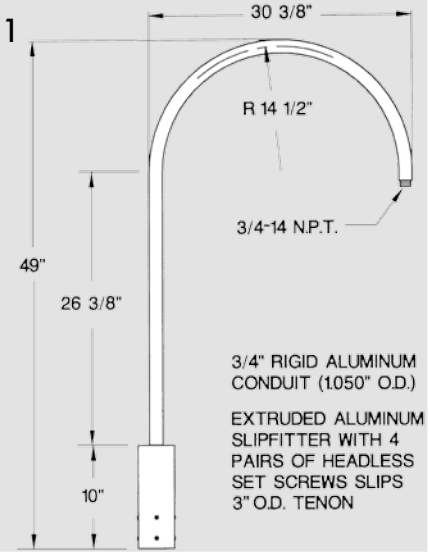
PT-GN1


20 5/8"
DECORATIVE FINIAL
R 7"
30"
3/4-14 N.P.T.
3/4" RIGID ALUMINUM CONDUIT (1.050" O.D.)
EXTRUDED ALUMINUM SLIPFITTER WITH 4 PAIRS OF HEADLESS SET SCREWS SLIPS 3" O.D. TENON

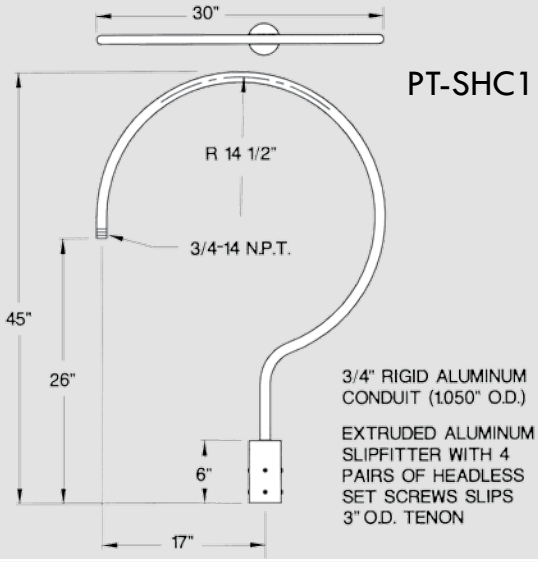
PT-GN2


41 1/4"
DECORATIVE FINIAL
R 7"
30"
3/4-14 N.P.T.
3/4" RIGID ALUMINUM CONDUIT (1.050" O.D.)
EXTRUDED ALUMINUM SLIPFITTER WITH 4 PAIRS OF HEADLESS SET SCREWS SLIPS 3" O.D. TENON

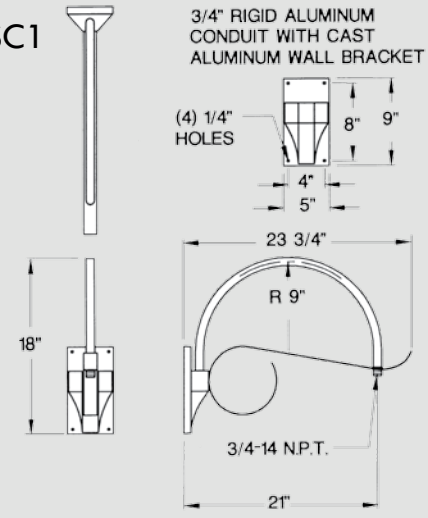
PT-CC1



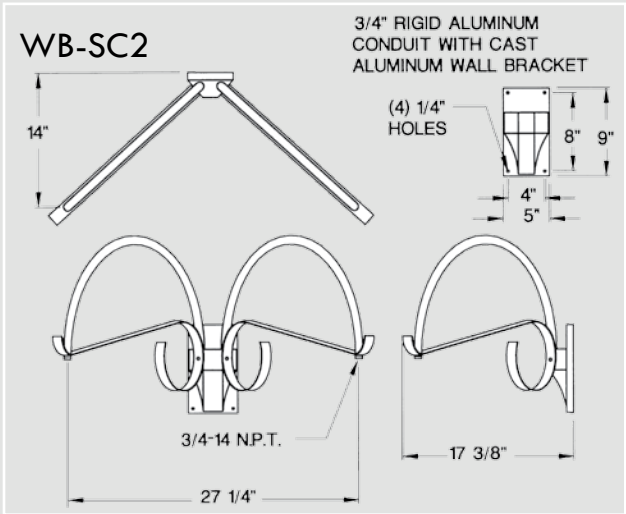
PT-SHC1



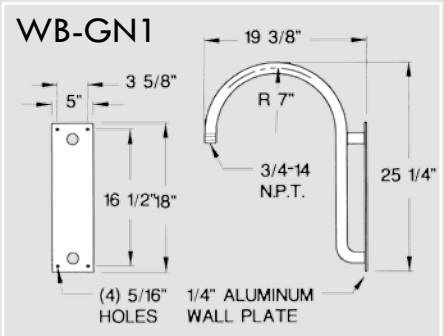
WB-SC1



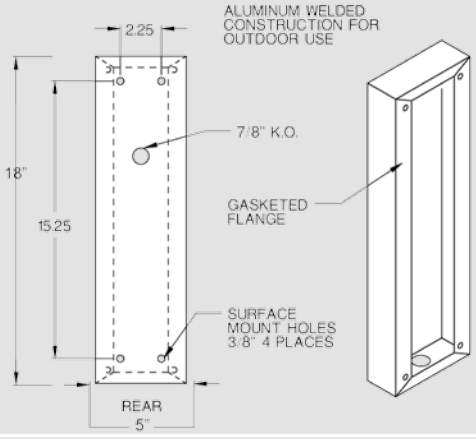
WB-SC2



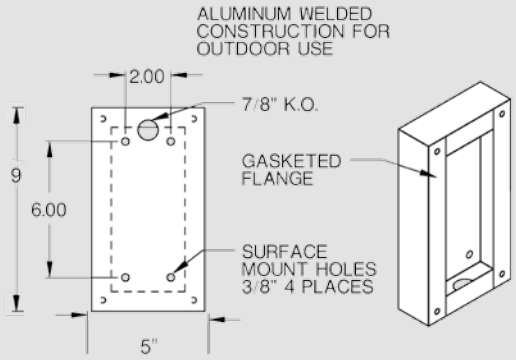
WB-GN1



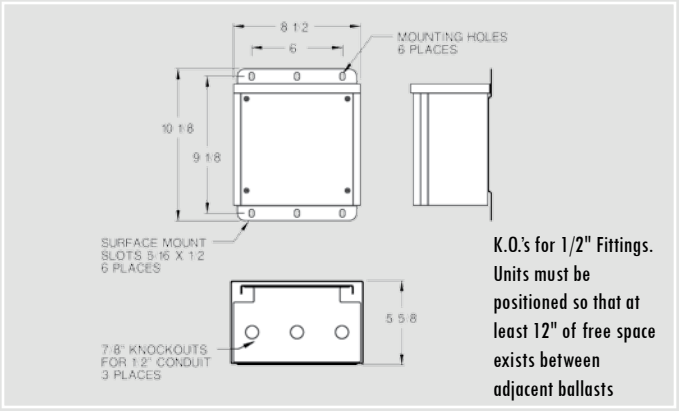
WBG-BX Back Box



WBS-BX Back Box



OUTDOOR, INDOOR AND WALL MOUNT REMOTE BALLASTS

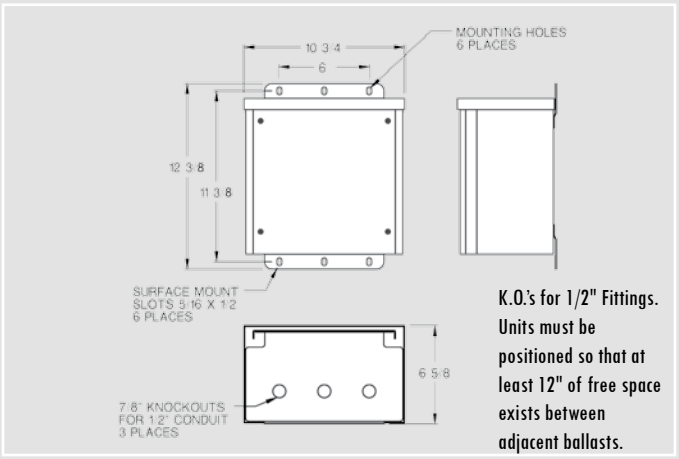


K.O.'s for 1/2" Fittings. Units must be positioned so that at least 12" of free space exists between adjacent ballasts

RO175 (175W Max)

WEATHER TIGHT REMOTE OUTDOOR / INDOOR BALLAST
175W Maximum.

- Highest quality Class H core and coil H.I.D. or electronic C.F.L. ballast.
- Heavy gauge steel case.
- Polyester powder coat finish - gray standard.
- High power factor design.
- cULus Listed for Wet Locations.

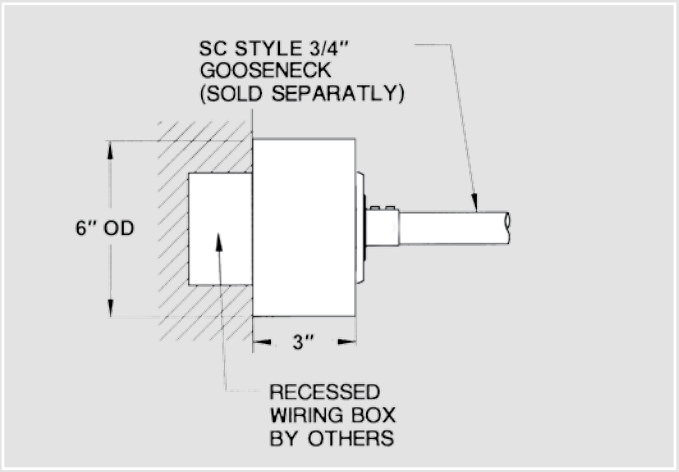


K.O.'s for 1/2" Fittings. Units must be positioned so that at least 12" of free space exists between adjacent ballasts.

RO1000 (1000W Max)

WEATHER TIGHT REMOTE OUTDOOR / INDOOR BALLAST
1000W Maximum.

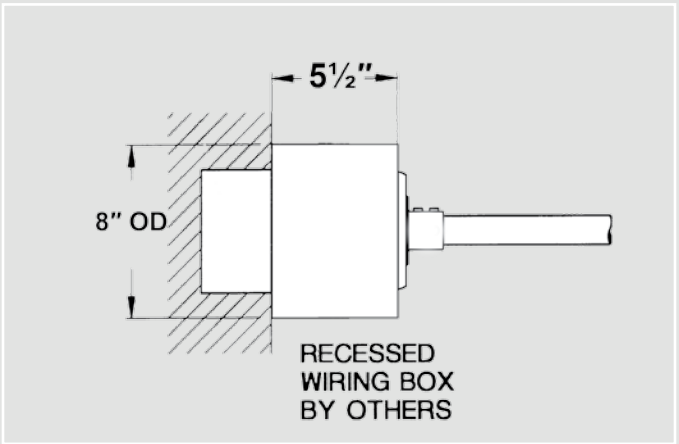
- Highest quality Class H core and coil H.I.D. or electronic C.F.L. ballast.
- Heavy gauge steel case.
- Polyester powder coat finish - gray standard.
- High power factor design.
- cULus Listed for Wet Locations.



BCW6

C.F L. BALLAST FOR "SC" STYLE GOOSENECKS

- Highest quality electronic ballast.
- For use only with "SC" style gooseneck brackets.
- Operates 26, 32 and 42 watt 4-pin triple tube lamps.
- Allows starting down to -25°F.
- High power factor design.
- Finished in polyester powder coat to match gooseneck bracket finish. Other colors available.
- Mounts to recessed wiring box. (Box by others.)
- cULus Listed for Wet Locations.

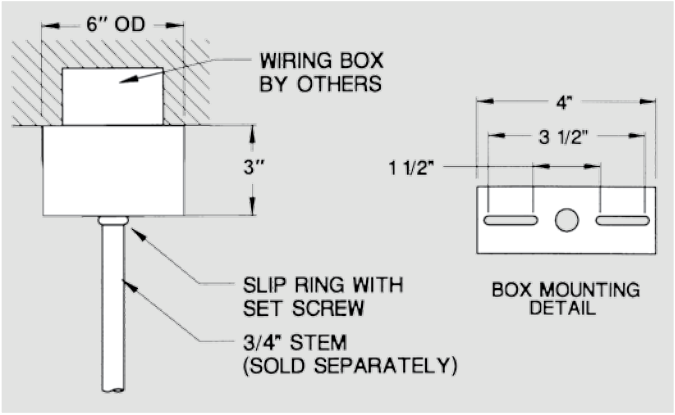


BCW8

H.I.D. or C.F L. BALLAST FOR "SC" STYLE GOOSENECKS

- Highest quality Class H core and coil H.I.D. or electronic C.F.L. ballast.
- For use only with "SC" style gooseneck brackets.
- Operates up to 175 watt H.I.D. or 70 watt C.F.L. lamp.
- High power factor design.
- Finished in polyester powder coat to match gooseneck bracket finish. Other colors available.
- Mounts to recessed wiring box. (Box by others.)
- cULus Listed for Wet Locations.

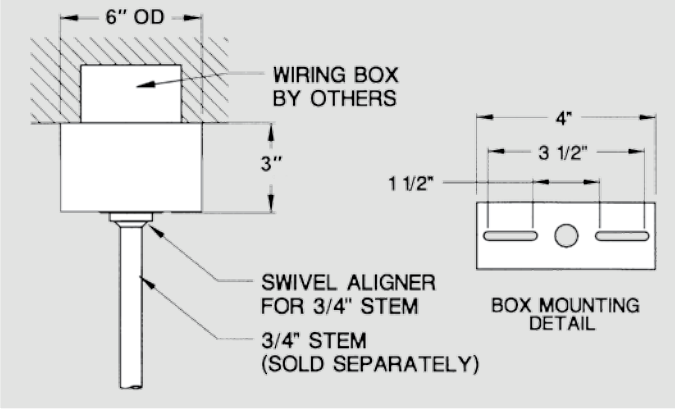
CANOPY TYPE REMOTE BALLASTS



BCC6S

BALLAST WITH RIGID MOUNT STEM CANOPY

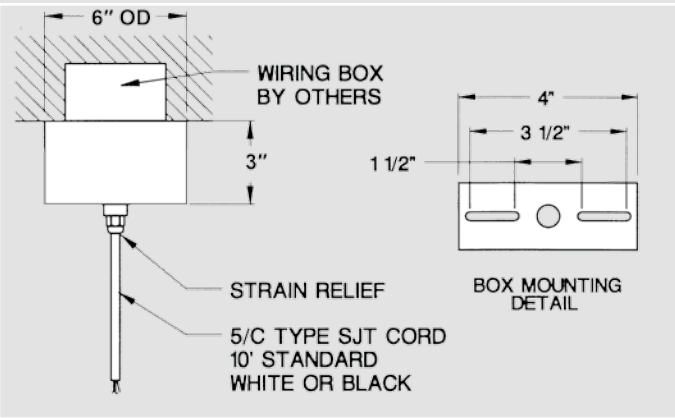
- Highest quality electronic ballast.
- For use only with 3/4" stem mounted fixtures. Stem sold separately.
- Operates 26, 32 and 42 watt 4-Pin triple tube lamps.
- Allows starting down to -25°F.
- High power factor design.
- Finished in polyester powder coat - White standard. Other colors available.
- Mounts to recessed wiring box. (Box by others.)
- cULus Listed for Damp Locations.



BCC6A

BALLAST WITH SWIVEL MOUNT STEM CANOPY

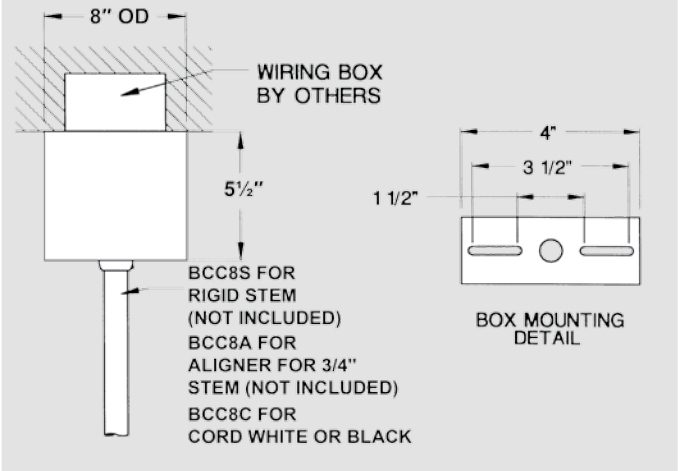
- Highest quality electronic ballast.
- For use only with 3/4" stem mounted fixtures. Stem sold separately.
- Operates 26, 32 and 42 watt 4-Pin triple tube lamps.
- Allows starting down to -25°F.
- High power factor design.
- Finished in polyester powder coat - White standard. Other colors available.
- Mounts to recessed wiring box. (Box by others.)
- cULus Listed for Damp Locations.



BCC6C-(BK/WH)

BALLAST WITH CORD MOUNT CANOPY

- Highest quality electronic ballast.
- Operates 26, 32 and 42 watt 4-Pin triple tube lamps.
- Allows starting down to -25°F.
- High power factor design 1/2" reflector mounting strain relief. (Order RLM with 1/2" hub.)
- Finished in powder coat. White or black to match cord standard. Other colors available.
- Mounts to recessed wiring box. (Box by others.)
- cULus Listed for Damp Locations.



BCC8S, BCC8A or BCC8C-(BK/WH) H.I.D. Canopy

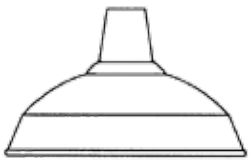
HIGH INTENSITY DISCHARGE BALLAST FOR RIGID STEM, SWIVEL STEM OR CORD

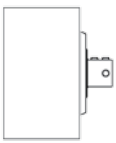
- Highest quality Class H core and coil.
- Up to 175 watts available.
- Eliminates the need for a separate remote ballast.
- High power factor design.
- Mounts to recessed wiring box. (Box by others.)
- cULus Listed for Damp Locations.

1) Select Reflector Design
    1) All Reflectors come standard with Medium Base (#5) socket with 96" leads. 3/4" hub. Powder coat finish, White inside and out, unless otherwise specified.
2) Select Lamp Type / Socket / Ballast
    1) Select Lamp Type, Socket, and Ballast, if Medium Base (#5) Incandescent not applicable to your application.
    2) Pricing in sections include Lamp / Socket / Ballast, unless otherwise specified in group header.
    3) Ballast Enclosure required unless otherwise specified in group header or fixture design. i.e. Ballasted Dome
3) Select Ballast Enclosure
    1) Select Ballast Enclosure if Lamp Type / Socket / Ballast or fixture design require.
    2) Select from Remote Ballast for any application , Wall Mounted for Goosenecks, Ceiling Mounted for Cord or Stem.
4) Select Mounting
    1) All fixtures come with 96" leads suitable for Goosenecks and Stems.
    2) Select Mounting Option.
    Goosenecks, Cord, Stem, Pole Top, Wall Mount, & Other Bracket Options.
5) Select Accessories
    1) Depending on configuration fixture may require Accessories.
    2) Accessory Options
        Lamp Enclosures - Required with some lamp types.
        Cast Guards
        Wire Guards
6) Select Color Finish
    1) Fixtures come standard with Powder Coat Finish, G1 White inside and out.
    2) Bock offers 16 Color Finishes in High Quality Polyester Powder Coating for indoor/outdoor use.

Sample Fixture

516-G0 •	GXT32	•BCW6-G0	•GN23A-G0•	E41
Reflector Shade & Color	Lamp/Socket/Ballast	Ballast Enclosure & Color	Gooseneck & Color	Glass Globe
Description: 516 Black	32W Compact Fluorescent Ballast, Lamp & Socket	6" Round Wall Ballast Box Black	GN23A Gooseneck Black	41 Clear Glass Jar





Cross Referencing

Have a different product code, or need an alternative, call or eMail Bock, for assistance.

Phone: (216) 912-7050 Fax: (216) 912-7051 eMail: sales@bocklighting.com

SELECT REFLECTOR DESIGN

ORDERING GUIDE

STYLE	DESCRIPTION	MAX WATT	STYLE	DESCRIPTION	MAX WATT	HUB SIZE	COLOR
512	STANDARD DOME	100W	918B	SELF BALLASTED DEEP BOWL	175W	3/4"	SEE PAGE 10 FOR MORE COLOR OPTIONS G0 BLACK G1 WHITE G2 RED G3 YELLOW G4 BLUE G5 GREEN G6 BROWN G7 VERDIGRIS G8 DARK BRONZE G9 SILVADILLO G10 DARK GREEN G11 COPPER G12 BRUSHED ALUMINUM
514		150W	901	ISLAND LIGHT	100W		
516		200W	902				
518		300W	3120B	OUTLET BOX MOUNTED	100W		
520		300W	3140B		150W		
SN512	STEP NECK DOME	100W	3160B		200W		
SN514		150W	250	YARD LIGHT	100W		
SN516		200W	120HX	12" SHALLOW CONE	100W		
SN518		300W	160HX	16" SHALLOW CONE	100W		
SN520		300W	CSR910-VN	10" VENTED HEAT LAMP STYLE CYLINDER	100W		
SN524		300W					
412	SHALLOW DOME	100W	76HC	14" STEPPED CONE, CORD ONLY.	100W		
414		150W	BHVN	PARABOLIC STEPPED CONE	100W		
416		200W	JH912	UP GLOW PENDANT	100W		
SN908	STEP NECK DEEP BOWL	100W	BERETTO15	BERETTO SMALL, 14.8"	100W		
SN910		200W	BERETTO20	BERETTO LARGE, 19.7"	100W		
SN912		300W	TENDA17	TENDA, 16.5"	100W		
SN608	STEP NECK ANGLE	100W	BUCANEVE7	BUCANEVE, 6.7"	100W		
SN610		150W	SOFFIONE9	SOFFIONE, 9"	100W		
SN612		200W	MARGHERITA12	MARGHERITA, 11.3"	100W		
SN614		300W	SN512GV	GALVANIZED STEP NECK DOME	100W		
6208	EMBLEM SIGN	100W	SN514GV		150W		
6210		150W	SN516GV		200W		
6212		200W	SN518GV		300W		
6214		300W	RW16GV	GALVANIZED RADIAL WAVE	100W		
6218		300W	RW20GV		150W		
6222		300W	SN908GV	GALVANIZED STEP NECK DEEP BOWL	100W		
RW16	RADIAL WAVE	100W	SN910GV		150W		
RW20		200W	SN912GV		150W		
914DL	DOWNLIGHT REFLECTOR	300W	918DLGV	GALVANIZED DOWNLIGHT	150W	1/2"	
916DL		300W	918ULGV	GALVANIZED UPLIGHT	150W		
918DL		300W	SN608GV	GALVANIZED STEP ANGLE	100W		
924DL		300W	SN610GV		150W		
918UL	UPLIGHT REFLECTOR	300W	SN612GV		150W		
516B	SELF BALLASTED DOME	175W	SN614GV		150W		
520B		175W	TPLS12 - TOP WPLS12 - WALL	METRO 12" CONICAL REFLECTOR	150W		
110B	SELF BALLASTED CONE	100W	TPLS16 - TOP WPLS16 - WALL	METRO 16" CONICAL REFLECTOR	150W		
116B		175W	TPLS20 - TOP WPLS20 - WALL	METRO 20" CONICAL REFLECTOR	150W		
120B		175W	TPLSNR - TOP WPLSNR - WALL	METRO NO REFLECTOR	150W		

Example Reflector = 512-3/4-G0

512 Reflector, 3/4 Hub with Black Powder Coat

Lamp Type / Socket / Ballast

LAMP TYPE	DESCRIPTION	WATTAGE LAMP TYPE	VOLTAGE	MINIMUM STARTING TEMPERATURE	MAXIMUM DISTANCE TO LAMP*
GXT26	26W CFL	26W	120-277	-25°F	12 FEET
GXT32	32W CFL	32W	120-277	-25°F	12 FEET
GXT42	42W CFL	42W	120-277	-25°F	12 FEET
BST26120	GU24 BALLASTED SOCKET 26W 120V	26W	120		
BST26277	GU24 BALLASTED SOCKET 26W 277V	26W	277		
BST32120	GU24 BALLASTED SOCKET 32W 120V	32W	120		
BST32277	GU24 BALLASTED SOCKET 32W 277V	32W	277		
PSMH50MT	PSMH 50W MULTITAP	50W	120/208/240/277	-40°F	50 FEET
PSMH70MT	PSMH 70W MULTITAP	70W	120/208/240/277	-40°F	50 FEET
PSMH100MT	PSMH 100W MULTITAP	100W	120/208/240/277	-40°F	50 FEET
PSMH150MT	PSMH 150W MULTITAP	150W	120/208/240/277	-40°F	50 FEET
PSMP50MT	PSMH PROTECTED BULB, 50W MULTITAP	50W	120/208/240/277	-40°F	50 FEET
PSMP70MT	PSMH PROTECTED BULB, 70W MULTITAP	70W	120/208/240/277	-40°F	50 FEET
PSMP100MT	PSMH PROTECTED BULB, 100W MULTITAP	100W	120/208/240/277	-40°F	50 FEET
PSMP150MT	PSMH PROTECTED BULB, 150W MULTITAP	150W	120/208/240/277	-40°F	50 FEET
HPS50MT	HPS 50W MULTITAP	50W	120/208/240/277	-40°F	35 FEET
HPS70MT	HPS 70W MULTITAP	70W	120/208/240/277	-40°F	35 FEET
HPS100MT	HPS 100W MULTITAP	100W	120/208/240/277	-40°F	35 FEET
HPS150MT	HPS 150W MULTITAP	150W	120/208/240/277	-40°F	35 FEET
347V AVALIBLE UPON REQUEST					

Ballast Enclosure

ENCLOSURE	DESCRIPTION	MAXIMUM WATTAGE		COLOR
RI 70	INDOOR - FOR FLUORESCENT & ELECTRONIC HID	70W	-	G0 BLACK G1 WHITE G2 RED G3 YELLOW G4 BLUE G5 GREEN G6 BROWN G7 VERDIGRIS G8 DARK BRON ZE G9 SILVADILLO G10 DARK GREEN SEE PAGE 10 FOR MORE COLOR OPTIONS
RO70	OUTDOOR - FOR FLUORESCENT & ELECTRONIC HID	70W		
RI175	INDOOR - PSMH, HPS , CFL	175W		
RO175	OUTDOOR - PSMH, HPS , CFL	175W		
RO1000	OUTDOOR - PSMH, HPS , CFL	1000W		
BCW6	6" CFL WALL MOUNTED BALLAST BOX FOR GOOSENECKS	150W		
BCW8	8" HID WALL MOUNTED BALLAST BOX FOR GOOSENECKS	150W		
BCC6S	6" CFL CEILING BALLAST BOX FOR RIGID STEMS, (STEM NOT INCLUDED)	150W		
BCC6A	6" CFL CEILING BALLAST BOX WITH ALIGNER FOR STEMS, (STEM NOT INCLUDED)	150W		
BCC6C-* BK/WH	6" CFL CEILING BALLAST BOX FOR CORD , BLACK OR WHITE CORD	150W		
BCC8S	8" HID OR CFL CEILING BALLAST BOX FOR RIGID STEMS, (STEM NOT INCLUDED)	150W		
BCC8A	8" HID OR CFL CEILING BALLAST BOX WITH ALIGNER FOR STEMS, (STEM NOT INCLUDED)	150W		
BCC8C-* BK/WH	8" HID OR CFL CEILING BALLAST BOX FOR CORD, BLACK OR WHITE CORD	150W		
WBGBX	CFL, FOR USE WITH WB-GN1 WALL BRACKET , LCS = 2".	42W		
WBSBX	CFL, FOR USE WITH WB-SC1 & WB-SC2 WALL BRACKET , LCS = 2"	42W		

Example Ballast with Enclosure = GXT26 / BCW6-G0

Fluorescent 26W Lamp Type / Socket / Ballast & 6" Wall Round Ballast Box in Black

Goosenecks

PLATE		GOOSENECK BRACKET		THREAD SIZE		OPTIONS		COLOR
SC	-	GN23A	-	¾"	-	HMTG	-	SEE PAGE 10 FOR COLOR OPTIONS
		GN48B*						
		GN30C						
		GN24D						
		GN40E				SCDC		
		GN56F*						
		GN32G*						
		GN22H						
		GN8I				SC4		
		GN10I						
		GN12I				GV = GALVANIZED		
		GN18I						
		GN25J				GW1 - SINGLE GUY WIRE		
		GN10K						
		GN41P*				GW2 - DOUBLE GUY WIRE		
		GN37U						

Example = SC-GN23A-3/4-HMTG-G0

GN23A Gooseneck, SC Plate in 3/4" with HMTG Canopy in Black

*Guy-wire recommended.

Pole Top & Wall Mounts

MOUNTING STYLE	THREAD SIZE	SLIP FITTER FITS		COLOR
PT-1	¾"	3" O.D.	-	SEE PAGE 10 FOR COLOR OPTIONS
PT-2				
PT-SC1				
PT-SC2				
PT-GN1				
PT-GN2				
PT-CC1				
PT-SHC1				
WB-SC1	¾"	WALL MOUNT		
WB-SC2				
WB-GN1				

Example = PT-1-G0

PT-1 Pole Mounting in Black

Cord Mount

MOUNTING STYLE		CORD COLOR		CANOPY COLOR
643	-	WH WHITE	-	SEE PAGE 10 FOR COLOR OPTIONS
643HD				
645		BK BLACK		

Example = 643-WHT-G1

643 Canopy with White Cord & White Canopy

Stem Mount

MOUNTING STYLE		PIPE SIZE		CANOPY COLOR
640	-	3 = 3/4"	-	SEE PAGE 10 FOR COLOR OPTIONS
		2 = 1/2"		

Example = 640-3-G0

640 Canopy for 3/4" Stem in Black

Stems

STEM STYLE		LENGTH		STEM COLOR
ST3 = 3/4"	-	6"	-	SEE PAGE 10 FOR COLOR OPTIONS
		12"		
		18"		
		24"		
		36"		
		48"		
ST2 = 1/2"		60"		
		72"		
		96"		
		*" CUSTOM		

Example = ST3-6-G0

6" Stem 3/4" in Black

Other Mounting Accessories

Stem Reducers

RB3412 3/4"-14 to 1/2"-14 reducer bushing

RB1238 1/2"-14 to 3/8"-18 reducer bushing

Flush Mounting

OC Plate Adapter for flush mounting to Octagon Electrical Box. Compatible with all Top Mounted RLMs.

Globes

STYLE	DESCRIPTION	MAX WATTAGE CLEAR/ PRISMATIC	MAX WATTAGE COLOR		COLOR
E41	GLASS	INC - 150W HID - 175W CFL - 32W	INC - 100W HID - 100W CFL - 32W	-	NO SUFFIX- CLEAR
E41L	LEXAN NOT COMPATIBLE WITH CAST GUARDS OR WIRE GUARDS	INC - 60W HID - N/A CFL - 32W	INC - 40W HID - N/A CFL - 32W		PR - PRISMATIC
					OP - OPAL
E42	GLASS	INC - 300W HID - 175W CFL - 42W	INC - 200W HID - 175W CFL - 42W		AM - AMBER
					BL - BLUE
E42L	LEXAN NOT COMPATIBLE WITH CAST GUARDS OR WIRE GUARDS	INC - 100W HID - 70W CFL - 42W	INC - 60W HID - 50W CFL - 42W		RD - RED
					GN - GREEN

E1-GG6	6" DIAMETER OPAL GLASS GLOBE	N/A	INC - 75W HID - 100W CFL - 32W		OP - OPAL
E1-AG10	10" DIAMETER OPAL GLASS GLOBE		INC - 100W HID - 100W CFL - 42W		
E1-PG10	10" DIAMETER OPAL POLY GLOBE		INC - 150W HID - 150W CFL - 42W		

Globe Guards

GUARD	FIT GLOBES	FIT GLOBES		COLOR
31DCG	CAST ALUMINUM GUARD	41, 41PR, 41C	-	STANDARD FINISH IS RAW FOR CAST AND BRIGHT ZINC FOR WIRE GUARD SEE PAGE 10 FOR COLOR OPTIONS
32DCG	CAST ALUMINUM GUARD	42, 42PR, 42C		
31	WIRE GUARD	41, 41PR, 41C		
32	WIRE GUARD	42, 42PR, 42C		

Wire Guards

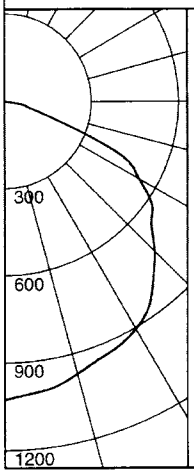
CAT.#	FOR USE WITH	DIA.	DEPTH		COLOR
108AR	SN608, 6208, SN908	8"	2"	-	STANDARD FINISH IS BRIGHT ZINC SEE PAGE 10 FOR COLOR OPTIONS
110AR	110B, SN610, 6210, SN910	10"	2"		
112AR	3120B, 412, 512, SN612, 6212, SN912	12"	2"		
113AR	6214	13"	2"		
114AR	3140B, 414, 514, SN514, SN914, SN614	14"	2 ½"		
115AR	116B	15"	2 ½"		
116AR	3160B, 416, 516, SN516, 516B	16"	2 ½"		
118AR	518, SN518	18"	3"		
120AR	120B, 520, 520B, SN520	20"	3"		
4GR14	914DL, 914B	15"	2 ½"		
4GR16	916DL, 916B	17"	2 ½"		
4GR18	918DL, 918UL	19"	3"		
4GR24	SN524, 924DL	24"	3"		

PHOTOMETRIC AND APPLICATION DATA

STANDARD DOME

516

200W A-25 Inside Frosted
3640 Lumens - Spac. Crit. = 1.0



Ang.	CP	Lum.
0	1026	
5	1010	97
15	971	275
25	930	429
35	866	539
45	731	565
55	620	546
65	452	409
75	98	125
85	15	26
90	0	
95	0	0
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

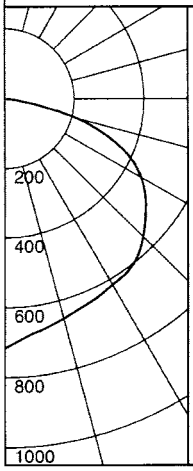
Zone	Lumens	%Lamp
0 - 30	801	22.0
0 - 60	2451	67.3
0 - 90	3011	82.7
90 - 180	0	0.0
0 - 180	3011	82.7

Rf	20										
Rc	80				50			10			0
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR											
0	98	98	98	98	92	92	92	84	84	84	83
1	90	87	83	80	81	79	77	75	74	72	70
2	82	76	70	66	71	67	63	66	63	61	59
3	75	66	60	55	63	57	53	58	55	51	49
4	69	59	52	46	56	50	45	52	47	44	42
5	63	52	45	39	50	43	39	46	42	38	36
6	58	47	40	34	45	38	34	42	37	33	31
7	54	42	35	30	41	34	30	38	33	29	28
8	50	39	32	27	37	31	26	35	30	26	25
9	47	35	29	24	34	28	24	32	27	24	22
10	44	33	26	22	31	26	21	30	25	21	20

SHALLOW DOME

414

150W A-21 Inside Frosted
2850 Lumens - Spac. Crit. = 1.8



Ang.	CP	Lum.
0	716	
5	686	66
15	653	185
25	629	291
35	610	381
45	561	434
55	493	441
65	397	387
75	215	218
85	23	36
90	5	
95	0	5
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

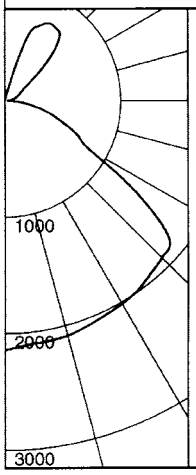
Zone	Lumens	%Lamp
0 - 30	542	19.0
0 - 60	1798	63.0
0 - 90	2439	85.5
90 - 180	5	.1
0 - 180	2444	85.7

Rf	20										
Rc	80				50			10			0
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR											
0	102	102	102	102	95	95	95	87	87	87	86
1	93	88	84	81	83	80	77	76	74	72	70
2	83	76	70	64	71	66	62	65	62	59	57
3	75	66	58	52	62	56	51	57	53	49	47
4	69	58	50	43	54	48	42	50	45	41	39
5	63	51	43	37	48	41	36	45	39	35	33
6	58	46	37	32	43	36	31	40	35	31	29
7	53	41	33	28	39	32	27	36	31	27	25
8	49	37	30	24	35	29	24	33	28	24	22
9	46	34	27	22	33	26	22	31	25	21	20
10	43	31	24	20	30	24	19	28	23	19	18

18" UPLIGHT

918-UL

500W PS-35 Inside Frosted
10850 Lumens - Spac. Crit. = 1.4



Ang.	CP	Lum.
0	2142	
5	2106	202
15	2088	591
25	2034	943
35	1989	1247
45	1908	1472
55	1393	1228
65	688	681
75	391	412
85	139	155
90	38	
95	22	39
105	91	95
115	142	143
125	240	238
135	605	456
145	765	477
155	707	322
165	62	54
175	34	3
180	27	

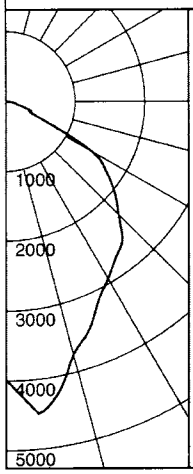
Zone	Lumens	%Lamp
0 - 30	1736	16.0
0 - 60	5683	52.3
0 - 90	6931	63.8
90 - 180	1827	16.8
0 - 180	8758	80.7

Rf	20										
Rc	80				50			10			0
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR											
0	92	92	92	92	80	80	80	67	67	67	64
1	84	80	77	74	70	68	66	59	58	56	54
2	77	70	65	60	62	58	55	52	49	47	45
3	70	62	55	50	54	50	46	46	43	40	38
4	64	54	48	42	48	43	39	41	37	34	32
5	58	48	41	36	43	37	33	36	33	30	28
6	54	43	36	31	39	33	29	33	29	26	24
7	50	39	32	27	35	29	25	30	26	23	21
8	46	35	29	24	32	26	22	27	23	20	19
9	43	32	26	22	29	24	20	25	21	18	17
10	40	30	23	19	27	22	18	23	19	16	15

18" DOWNLIGHT

918-DL

500W PS-35 Inside Frosted
10850 Lumens - Spac. Crit. = 1.0



Ang.	CP	Lum.
0	3985	
5	4483	411
15	3752	1081
25	3144	1471
35	2745	1731
45	2291	1787
55	1771	1577
65	462	682
75	200	245
85	59	70
90	0	
95	0	0
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

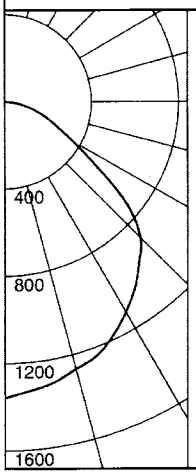
Zone	Lumens	%Lamp
0 - 30	2963	27.3
0 - 60	8058	74.2
0 - 90	9055	83.4
90 - 180	0	0.0
0 - 180	9055	83.4

Rf	20										
Rc	80				50			10			0
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR											
0	99	99	99	99	93	93	93	85	85	85	83
1	92	89	86	83	83	81	79	77	76	74	73
2	85	79	74	69	74	70	67	69	66	64	62
3	78	70	64	59	66	61	57	62	58	55	54
4	72	63	56	51	59	54	50	56	52	48	47
5	66	56	49	44	54	48	43	51	46	43	41
6	61	51	44	39	49	43	38	46	41	38	36
7	57	46	39	35	44	39	34	42	37	34	32
8	53	42	36	31	41	35	31	39	34	30	29
9	50	39	32	28	38	32	28	36	31	28	26
10	47	36	30	26	35	29	25	33	29	25	24

DEEP BOWL

912

200W A-21 Inside Frosted
4010 Lumens - Spac. Crit. = 1.0



Ang.	CP	Lum.
0	1357	
5	1331	127
15	1268	360
25	1181	546
35	1043	653
45	883	670
55	515	478
65	263	271
75	139	148
85	38	43
90	0	
95	0	0
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

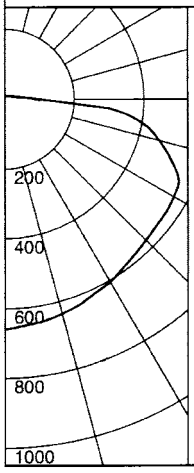
Zone	Lumens	%Lamp
0 - 30	1033	25.7
0 - 60	2834	70.6
0 - 90	3296	82.1
90 - 180	0	0.0
0 - 180	3296	82.1

Rf	20										
Rc	80				50			10			0
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR											
0	98	98	98	98	91	91	91	84	84	84	82
1	90	87	84	81	81	79	77	75	74	72	71
2	83	77	71	67	72	68	65	67	64	62	60
3	76	68	62	57	64	59	55	60	56	53	52
4	70	61	54	49	58	52	48	54	50	47	45
5	65	55	48	42	52	46	42	49	44	41	39
6	60	49	42	37	47	41	37	44	40	36	35
7	56	45	38	33	43	37	33	41	36	32	31
8	52	41	34	30	39	34	29	37	33	29	28
9	48	38	31	27	36	31	27	35	30	26	25
10	45	35	29	24	34	28	24	32	27	24	23

RADIAL WAVE with Prismatic Globe

RW-20 w/42PR

200W A-21 Inside Frosted
4010 Lumens - Spac. Crit. = 2.0



Ang.	CP	Lum.
0	660	
5	651	62
15	636	180
25	613	284
35	591	372
45	573	444
55	565	506
65	551	538
75	459	484
85	300	301
90	101	
95	0	110
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

Zone	Lumens	%Lamp
0 - 30	526	13.1
0 - 60	1848	46.0
0 - 90	3171	79.0
90 - 180	110	2.7
0 - 180	3281	81.8

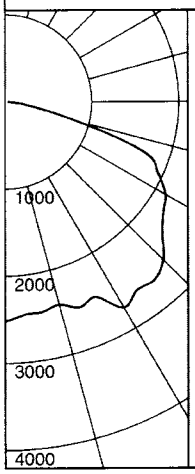
Rf	20										
Rc	80				50			10			0
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR											
0	97	97	97	97	89	89	89	81	81	81	79
1	84	79	74	69	72	69	65	65	63	60	58
2	75	66	59	53	61	55	50	54	50	47	45
3	67	56	48	42	52	45	40	46	42	38	35
4	61	49	40	34	45	38	33	41	35	31	29
5	55	43	35	28	40	33	27	36	31	26	24
6	51	38	30	24	36	29	23	32	27	23	21
7	47	35	27	21	32	25	20	29	24	20	18
8	44	31	24	18	29	23	18	27	21	17	16
9	41	29	21	16	27	20	16	25	19	15	14
10	38	26	19	15	25	19	14	23	18	14	12

PHOTOMETRIC AND APPLICATION DATA

SELF BALLASTED DOME With Prismatic Globe

520B w/42PR

175W BD17 Clear Metal Halide
14000 Lumens - Spac. Crit. = 1.8



Ang.	CP	Lum.
0	2520	
5	2450	236
15	2410	693
25	2470	1178
35	2640	1677
45	2570	1969
55	2220	2003
65	1940	1918
75	850	994
85	162	190
90	34	
95	0	37
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

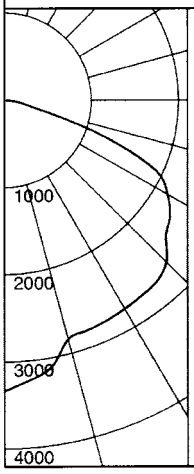
Zone	Lumens	%Lamp
0 - 30	2107	15.0
0 - 60	7756	55.4
0 - 90	10858	77.5
90 - 180	37	.2
0 - 180	10895	77.8

Rf	20										
Rc	80			50			10			0	
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR											
0	93	93	93	93	86	86	86	79	79	79	78
1	84	80	76	73	74	72	69	68	67	65	63
2	75	68	62	57	64	59	55	59	55	53	51
3	68	59	52	46	55	49	45	51	47	43	41
4	61	51	44	38	48	42	37	44	40	36	34
5	56	45	37	32	42	36	31	39	34	30	29
6	51	40	33	27	38	32	27	35	30	26	24
7	47	36	29	24	34	28	23	32	27	23	21
8	44	33	26	21	31	25	20	29	24	20	19
9	41	30	23	18	28	22	18	27	22	18	16
10	38	27	21	16	26	20	16	24	20	16	15

SELF BALLASTED DOME With Prismatic Globe

120B w/42PR

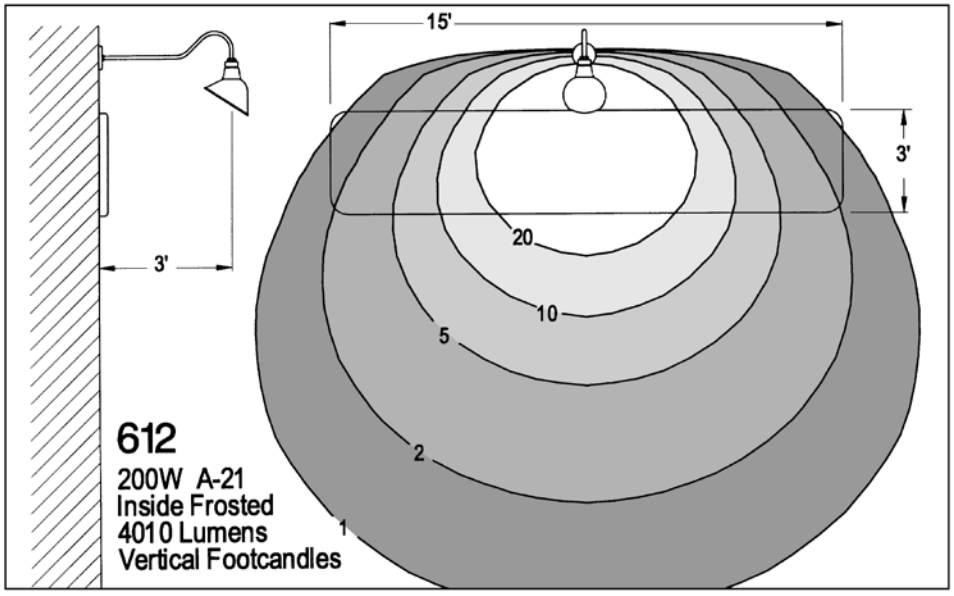
175W BD17 Clear Metal Halide
14000 Lumens - Spac. Crit. = 1.6



Ang.	CP	Lum.
0	3336	
5	3228	308
15	2835	821
25	2786	1289
35	2741	1722
45	2630	2014
55	2320	2068
65	1926	1800
75	442	621
85	115	130
90	22	
95	0	24
105	0	0
115	0	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

Zone	Lumens	%Lamp
0 - 30	2418	17.2
0 - 60	8222	58.7
0 - 90	10773	76.9
90 - 180	24	.1
0 - 180	10797	77.1

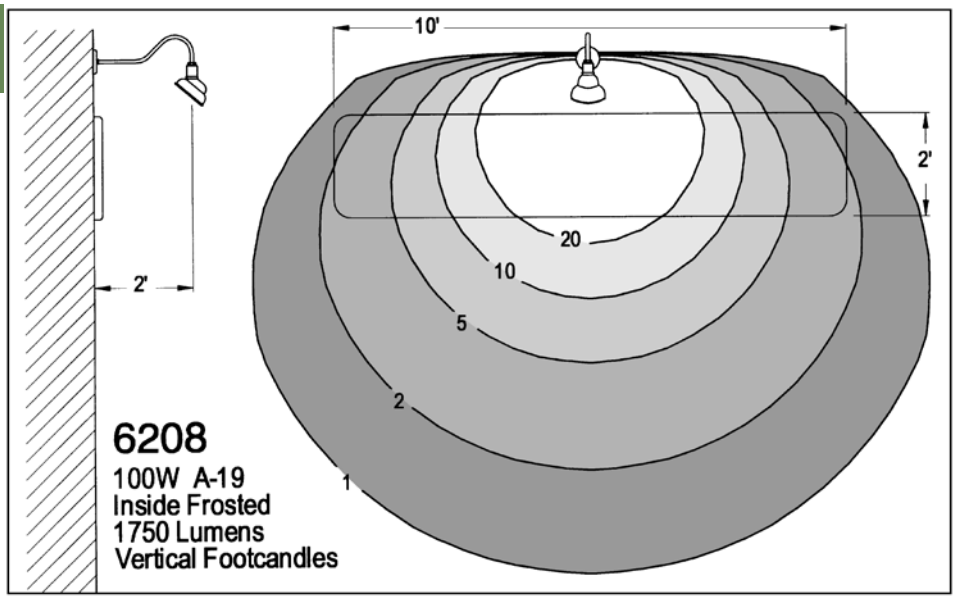
Rf	20										
Rc	80			50			10			0	
Rw	70	50	30	10	50	30	10	50	30	10	0
RCR											
0	92	92	92	92	86	86	86	79	79	79	77
1	84	80	77	74	75	72	70	69	67	66	64
2	76	69	64	59	65	61	57	60	57	54	53
3	68	60	53	48	56	51	47	52	48	45	43
4	62	53	45	40	50	44	39	46	42	38	36
5	57	47	39	34	44	38	33	41	36	33	31
6	52	42	34	29	39	33	29	37	32	28	26
7	48	37	30	25	36	29	25	33	28	25	23
8	45	34	27	22	32	26	22	30	25	22	20
9	42	31	24	20	30	24	20	28	23	20	18
10	39	28	22	18	27	22	18	26	21	18	16



ANGLE REFLECTOR

Lamp lumen values may be prorated when appropriate to obtain values for other lamp types. For complete photometric information or application assistance, contact Bock engineering services.
IES format photometric diskettes and layout services are available upon request.
IES files also available at www.BockLighting.com.

EMBLEM SIGN REFLECTOR



VAPORTIGHTS WITH SPINNINGS

View Vaportight Catalog for more information.

NOTES

OUR OTHER PRODUCTS

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